

US EPA - REGION VII SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM (START) CONTRACT
CONTRACT #EP-S7-13-06

TO: Anthony LaMaster, CO
Debra Dorsey, PO

FROM: Ted Faile, PG, CHMM, START PM

DATE: 21-Apr-16

SITE: Des Moines TCE

TO #: 0144

COST SUMMARY

LABOR

Ex. 4 - CBI

EQUIPMENT

MATERIALS

SUBCONTRACTORS

OTHER DIRECT COSTS

Ex. 4 - CBI

TOTAL TASK ORDER

\$77,075.18

SITE NAME
ACTIVITY

LABOR

Ex. 4 - CBI

EQUIPMENT

Description	Unit	Cost	No. of Units	Extended	G&A	Sub-Total
Vehicles	Day					
GPS	Day					
Ex. 4 - CBI						
Sub-Total Equipment						

MATERIALS

Description	Unit	Cost	No. of Units	Extended	G&A	Sub-Total
Sampling supplies						
Ex. 4 - CBI						
Sub-Total Materials						

SUBCONTRACTORS

Description	Unit	Cost	No. of Units	Extended	G&A	Sub-Total
DPT (with coring)						
DPT(mob/demob)						
Ex. 4 - CBI						
Sub-Total Subcontractors						

OTHER DIRECT COSTS

Description	Unit	Cost	No. of Units	Extended	G&A	Sub-Total
Per diem						
Hotel (not including tax)						
Hotel tax						
Fuel						
Airfare						
Computer (EMC only)						
Mileage						
Shipping (overnight or ground)						
Ex. 4 - CBI						
Sub-Total ODCs						

TOTAL TASK ORDER

\$77,075.18

Level of Effort by Task

Ex. 4 - CBI

Tasks

- Task 1: Cost Estimate for Building Demolition
- Task 2: Site Characterization
- Task 3: Human Health Risk Assessment
- Task 4: Remedial Alternatives for South Pond
- Task 5: Final Report
- Task 6: Reserved
- Task 7: Reserved

Assumptions:

- Task 1: Grit-blasting of concrete surfaces may be required prior to demolishing the buildings
Demolition equipment may require decontamination depending on contaminant levels in buildings
Oversight/air sampling during asbestos/PCB abatement
Disposal of PCB-contaminated insulation as a RCRA haz waste
Disposal of asbestos-containing material (ACM) as special waste
Disposal of abated building material as C&D waste
- Task 2: QAPP (Task 2) will require 32 hours at Sen. Sci. level plus review time
Site characterization will require 3 FTE (2 Junior/1 Senior) x 6 days x 10 hours/day
Trip report requires 40 hours (30 Senior and 10 Junior) plus review time
- Task 3: Updated risk assessment based on subslab soil, sediment and surface water data only
Recreational land use only
- Task 4: Evaluate three alternatives (approximately 80 hours per alternative)
Prepare cost estimates for each alternative
Will not include No Action
- Task 5: Compilation of deliverables for Tasks 2-4
Most hours for reporting are built into individual tasks (2-4)



